

Title (en)

SOUND SOURCE SEPARATING DEVICE AND SOUND SOURCE SEPARATING METHOD

Title (de)

VORRICHTUNG ZUR TRENNUNG VON SCHALLQUELLEN UND VERFAHREN ZUR TRENNUNG VON SCHALLQUELLEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE SÉPARATION DE SOURCE SONORE

Publication

EP 2138813 A1 20091230 (EN)

Application

EP 08740259 A 20080411

Priority

- JP 2008057162 W 20080411
- JP 2007103743 A 20070411

Abstract (en)

There is disclosed a sound source separating apparatus (100) including: a sound pressure detecting unit which detects a sound pressure in which fluid sound generated due to fluctuations in fluid pressure and oscillation sound generated due to oscillation of a solid are mixed; an oscillation detecting unit (2) which detects oscillation of the solid; and a sound source separating unit (3) which separates the sound pressure detected by the sound pressure detecting unit into a fluid sound component and an oscillation sound component for output by using the sound pressure detected by the sound pressure detecting unit and the oscillation detected by the oscillation detecting unit (2). By separating into the fluid sound and the oscillation sound, it is possible to effectively and rapidly implement oscillation and noise control and reduce a development period of a noise-free product.

IPC 8 full level

G01H 3/00 (2006.01); **G01H 9/00** (2006.01); **G01H 11/08** (2006.01); **G01H 17/00** (2006.01); **G01S 3/808** (2006.01); **G10K 15/00** (2006.01)

CPC (source: EP US)

G01H 3/00 (2013.01 - EP US); **G01S 3/808** (2013.01 - EP US)

Cited by

CN108461078A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2138813 A1 20091230; **EP 2138813 A4 20120620**; JP 2008261688 A 20081030; JP 4584951 B2 20101124; US 2010226504 A1 20100909; US 8094828 B2 20120110; WO 2008126916 A1 20081023

DOCDB simple family (application)

EP 08740259 A 20080411; JP 2007103743 A 20070411; JP 2008057162 W 20080411; US 28002008 A 20080411